



## THEME 3

# Interdisciplinary Processes

Co-chairs: Sandy Lucas (NOAA/CPO)  
Sally McFarlane (DOE/EESSD)

Description: This session covers key processes and interactions that are important in the transition zones on either side of an interface such as, ocean-atmosphere, land-atmosphere, aerosol-cloud-precipitation transitions, and troposphere-stratosphere connections.

Questions for this session:

- What are the most important processes?
- Do models reproduce seasonal to multidecadal precipitation patterns well (i.e., simulation of precipitation variability and trends)? Spatially, Temporally?
- Do we have existing observations, data, and understanding of these processes to parametrize them? How can we most effectively take advantage?
- What are the gaps in research that would make advancement over the next 2 to 5 years?

Slack - [noaadoeprecip-wht2944.slack.com](https://noaadoeprecip-wht2944.slack.com)

Channel: [#3-tuesday-interdisciplinary-processes](#)

A decorative graphic on the left side of the slide consists of two overlapping parallelograms. The front one is blue and the back one is a light green. They are positioned diagonally, with the blue one partially covering the green one.

# Session Keynote:

# Elizabeth Thompson

NOAA Physical Sciences Laboratory



# Session Panelists:

Andrew Gettelman

National Center for Atmospheric Research

Ana Barros

Duke University

Abigail Swann

University of Washington

Yaga Richter

National Center for Atmospheric Research



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